

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Application Number	10/035,027	
Filing Date	December 28, 2001	
First Named Inventor	Zhuang et al.	
Art Unit	3661	
Examiner Name	Washington, T.	
Attorney Docket	72463	

	U.S. PATENT DOCUMENTS						
	Cite	Cite Document Number	- Publication Date	Name of Patentee or	Pages, Columns, Lines Where Relevant Passages		
Initials*	No.1	Number-Kind Code ²	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear		
		US-					
		us-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-	•				
		US-					
		US-					

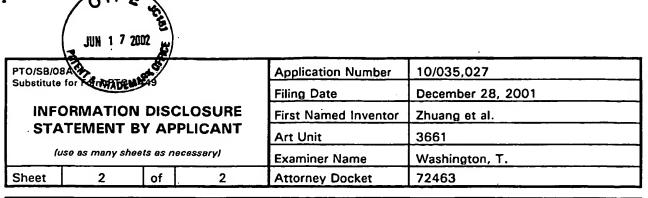
		FORE	IGN PATENT D	OCUMENTS		
Examiner Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines	Π	
Initials*	No.'	Country Code ⁹ -Number ⁴ -Kind Code ⁸	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T°
		-				L
	ļ				RECEIV	
					JUN 2 0 2	bo:
	ļ				GPALID	
					GROUP 3	<u> </u>

Examiner Signature CHUONG HO

Date Considered 10/29/05

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁹ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



		OTHER PRIOR ART - NON PA	TENT LITE	RATURE DOC	UMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAP) title of the item (book, magazine, jo volume-issue number(s), po	urnal, serial, s	ymposium, catalo	og, etc.), date, page(s),	Τ;
cit		Benedetto, S., et al., "Serial Concatenation of Interleaved Codes: Performance Analysis, Design and Iterative Decoding," TDA Progress Report 42-126, pages 1-26 (1996).				
CH		Benedetto, S., et al., "A Soft-Input Soft-O Parallel and Serial Concatenated Codes,"				
eН		Alamauti, S., "A Simple Transmit Diversi Journal on Select Areas in Communication				
C1+		Foschini, G.J. et al., "On Limits of Wirele Using Multiple Antennas," Pages 311-33:		cations in a Fac	ling Environment when	
CH		Bölcskei, J., et al., "On the Capacity of C 2569-2572 (2000).	PFDM-Based	Multi-Antenna	Systems," IEEE pages	
CIH		Batarieve, M.D., et al., "An Experimental OFDM System for Broadband Mobile Communications," IEEE pages 1947-1051 (2001).				
			,			
				·		
					RECENT	
					JUN 2 0 2002 GROUP 350	
Examiner		CHUONG HO		Date	10/29/05	

Examiner		2	1 /	
Signature	CHUONG HO	Date Considered	10/29/05	•

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

	/C.	No. of the last
-	JUL 2	2 2003
<u>-</u>	TATE .	100

PTO/SB/08A Substitute for Form
INFORMATION DISCLOSURE

(use as many sheets as necessary)

Sheet

Application Number	10/035,027	
Filing Date	December 28, 2001	
First Named Inventor	Xiangyang ZHUANG et al.	
Art Unit	3661	
Examiner Name		
Attorney Docket	CR00311M(72463)	

			U.S. PATENT D	OCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines Where Relevant Passages
Initials*	No.¹	Number-Kind Code ²	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear
еH		US-6,377,636 B1	04/23/2002	Paulraj et al.	
eH		US-6,452,981 B1	09/17/2002	Raleigh et al.	
					REOF
		·			LCEIVE
				·	JUL 2 4 2003
					GROUP
					Throup 360
·····					
					
• .					

FOREIGN PATENT DOCUMENTS						L
Examiner Ci	Cite	Foreign Patent Document	Publication Date		Pages, Columns, Lines Where Relevant Passages	
	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵	MM-DD-YYYY		or Relevant Figures Appear	1
					-	1
						1
• .						
						1
-						1

10/29/05 Examiner Date CHUONG HO Considered Signature

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the seriel number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to piace a check mark here if English language Translation is attached.